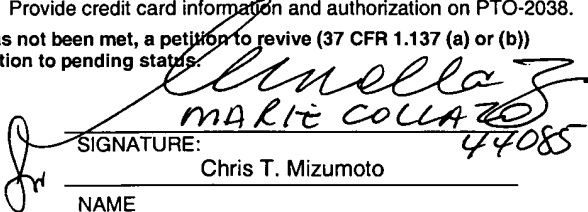


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|   |   |  |
|---|---|--|
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>   |   | ATTORNEY'S DOCKET NUMBER<br>20239/0202145-USQ<br>U.S. APPLICATION NO. (if known) 35 USC 371 CFR 1.5)<br><b>107551923</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP2004/006427  | INTERNATIONAL FILING DATE<br>6 May 2004 | PRIORITY DATE CLAIMED<br>7 May 2003  |
| TITLE OF INVENTION     INDIUM PHOSPHIDE SUBSTRATE AND INDIUM PHOSPHIDE MONOCRYSTAL AND<br>METHOD OF MANUFACTURING THEREOF   |   |  |
| APPLICANT(S) FOR DO/EO/US     Tomohiro Kawase   |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.<br>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.<br>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.<br>4. <input type="checkbox"/> The US has been elected (Article 31).<br>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))<br>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).<br>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).<br>a. <input checked="" type="checkbox"/> is attached hereto.<br>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).<br>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))<br>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br>d. <input type="checkbox"/> have not been made and will not be made.<br>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).<br>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).<br>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). |   |  |
| <b>Items 11 to 20 below concern document(s) or information included:</b>  |   |  |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.; PTO/SB/08 w/ 15 Refs.<br>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>13. <input checked="" type="checkbox"/> A preliminary amendment.<br>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.<br>15. <input type="checkbox"/> A substitute specification.<br>16. <input type="checkbox"/> A power of attorney and/or change of address letter.<br>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.<br>18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).<br>19. <input checked="" type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).<br>20. <input checked="" type="checkbox"/> Other items or information: Certificate of Express Mailing; Form PCT/IB/304; Return Receipt Postcard   |   |  |

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|   |              |   |            |  |              |  |
|---|--------------|---|------------|--|--------------|--|
| <b>10/331923</b><br>U.S. APPLICATION NO. (if known) (see 37 CFR 1.53)   |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP2004/006427                            |            | ATTORNEY'S DOCKET NUMBER<br>20239/0202145-USO  |              |  |
| The following fees have been submitted  |              |   |            | CALCULATIONS   | PTO USE ONLY |  |
| 21. <input checked="" type="checkbox"/> Basic national fee .....\$300   |              |   |            | \$ 300.00  |              |  |
| 22. <input checked="" type="checkbox"/> Examination fee   |              |   |            |  |              |  |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....\$100   |              |   |            |  |              |  |
| All other situations .....\$200   |              |   |            | \$ 200.00  |              |  |
| 23. <input checked="" type="checkbox"/> Search fee  |              |   |            |  |              |  |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100  |              |   |            |  |              |  |
| International Search Report prepared and provided to the Office .....\$400  |              |   |            |  |              |  |
| All other situations .....\$500   |              |   |            | \$ 400.00  |              |  |
| <b>TOTAL OF 21, 22 and 23 =</b>   |              |   |            | \$ 900.00  |              |  |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |              |   |            |  |              |  |
| Total Sheets  | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |  |              |  |
| 36 - 100 =  | /50 =        |   | x \$250.00 |  |              |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).   |              |   |            | \$   |              |  |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE       |  |              |  |
| Total claims  | 37 - 20 =    | 17  | x 50.00    | \$ 850.00  |              |  |
| Independent claims  | 5 - 3 =      | 2   | x 200.00   | \$ 400.00  |              |  |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable)   |              |   |            | \$   |              |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |            | \$ 2,150.00  |              |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  |              |   |            | \$   |              |  |
| <b>SUBTOTAL =</b>   |              |   |            | \$ 2,150.00  |              |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).  |              |   |            | \$   |              |  |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |            | \$ 2,150.00  |              |  |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |   |            | \$ 40.00   |              |  |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |            | \$ 2,190.00  |              |  |
|   |              |   |            | Amount to be refunded:   | \$           |  |
|   |              |   |            | Amount to be charged:  | \$           |  |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ 2,190.00 to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038. |              |   |            |  |              |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.   |              |   |            |  |              |  |
| SEND ALL CORRESPONDENCE TO:<br>Joseph R. Robinson<br>DARBY & DARBY P.C.<br>P.O. Box 5257<br>New York, New York 10150-5257<br>(212) 527-7783<br>CUSTOMER NUMBER: 07278   |              |   |            |  |              |  |
|   |              |   |            | SIGNATURE: <br>NAME: Chris T. Mizumoto |              |  |
|   |              |   |            | 42,899   |              |  |
|   |              |   |            | REGISTRATION NUMBER  |              |  |

10/551923

JC20 Rec'd PCT/PTO 03 OCT 2005

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 20239/0202145-US0

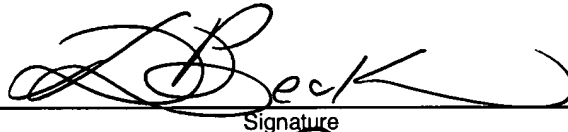
**Certificate of Express Mailing Under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. \_\_\_\_\_ in an envelope addressed to:

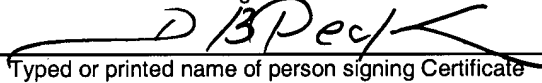
EV 69213 0840 - US

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on October 3, 2005  
Date



Signature



Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

- Transmittal Letter to the United States Designated-Elected Office (2 pgs)
- Application Data Sheet (2 pgs)
- Copy of Published International Application No. WO 2004/106597 (21 pgs)
- Verification of Translation (1 pg)
- 2 Copies of English Language Translation of the International Application (Spec: 25 pgs, Claims: 7 pgs, Abstract: 1 pg, Drawings: Figs. 1-3, 3 sheets)
- First Preliminary Amendment (13 pgs)
- Executed DEC & POA (3 pgs)
- Recordation Form Cover Sheet (1 pg) w/ Assignment (2 pages)
- Claim for Priority (1 pg) w/ Form PCT/IB/304 (1 pg)
- Information Disclosure Statement (2 pgs); PTO/SB/08 (2 pgs) w/ 15 Refs.
- Check No. 9895 in the amount of \$2,190.00
- Return Receipt Postcard